

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| S1 | 6 | ((("5902663") or ("6503595") or ("6051300") or ("4888228") or ("4576840") or ("20020028624")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 10:56 |
| S2 | 26 | ("4018957" "4035215" "4098629" "4183521" "4159603" "4172170" "4197343" "4278482" "4324824" "4371576" "4389442" "4389443" "4390582" "4426415" "4495133" "4582554" "4588629" "4643930" "4871603" "4892777" "4919743" "4942074" "4988551" "5198277" "5370757" "2317595").PN. | USPAT | OR | OFF | 2005/03/10 11:22 |
| S3 | 1026 | (spunlac\$4 spun adj lac \$4) and (carpet fabric) | USPAT | OR | OFF | 2005/03/10 11:24 |
| S4 | 681 | S3 and adhesive | USPAT | OR | OFF | 2005/03/10 11:24 |
| S5 | 153 | (spunlac\$4 spun adj lac \$4) adj (fac\$4 fabric carpet) | USPAT | OR | OFF | 2005/03/10 11:24 |
| S6 | 73 | S5 and adhesive | USPAT | OR | OFF | 2005/03/10 11:25 |
| S7 | 71 | zafiroglu.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 11:50 |
| S8 | 21 | zafiroglu.in. | US-PGPUB | OR | OFF | 2005/09/14 11:50 |
| S9 | 0 | ("20030232171").PN. | USPAT; USOCR | OR | OFF | 2006/01/17 11:13 |
| S10 | 1 | ("20030232171").PN. | US-PGPUB | OR | OFF | 2006/01/17 11:15 |
| S11 | 1515 | 28/107.ccls. 156/148.ccls. 442/388.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:22 |
| S12 | 733 | S11 and (adhesive polymer resin binder) | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:22 |
| S13 | 17 | ("4645699").URPN. | USPAT | OR | OFF | 2006/01/17 13:41 |

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|-----|------|--|---|----|-----|---------------------|
| S14 | 1 | ("4355067"). FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/17 13:45 |
| S15 | 1 | ("5075142"). FN. | USPAT; USOCR | OR | OFF | 2006/01/17 16:55 |
| S16 | 1 | "547533" | EPO | OR | OFF | 2006/01/17 16:55 |
| S17 | 9 | "4588629" | USPAT | OR | OFF | 2006/09/14 11:46 |
| S18 | 10 | "4588629" "20030232170" | US-PGPUB; USPAT | OR | OFF | 2006/09/14 12:13 |
| S19 | 74 | (spun-faced spunlaced) with (needed needle- punch\$3 needlepunch\$3) | US-PGPUB; USPAT | OR | OFF | 2007/05/21 15:06 |
| S21 | 15 | "547533" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/14 12:48 |
| S22 | 136 | needling adj density | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 13:54 |
| S23 | 2 | S22 and reverse\$ adj pile | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 13:54 |
| S24 | 1 | S22 and bulked adj fabric | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 13:54 |
| S25 | 113 | S22 and (woven knit) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 13:59 |
| S26 | 36 | S25 and loop | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/14 13:55 |
| S27 | 77 | S25 not S26 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:03 |
| S28 | 8 | S27 and carpet | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:31 |
| S29 | 47 | reverse\$ adj pile | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:46 |
| S30 | 549 | woven adj pile | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:46 |
| S31 | 59 | woven adj pile and (knit knitted adj pile) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:47 |
| S32 | 31 | woven adj pile and (knit knitted) adj pile | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 14:59 |
| S33 | 2160 | (stitch-bond\$3 stitch adj bond\$3 stitchbonded) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/14 15:00 |
| S34 | 117 | (stitch-bond\$3 stitch adj bond\$3 stitchbonded) and carpet | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/21 14:16 |

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| S35 | 11 | S34 and bulked | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/14 15:00 |
| S36 | 2 | spunlace\$ with carpet | USPAT | OR | OFF | 2006/09/14 16:47 |
| S37 | 168 | (spun-laced spunlaced spun adj laced) with (needed needle-punch\$3 needlepunch\$3 needle adj punch\$3) | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:27 |
| S38 | 287 | gather\$3 adj fabric | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:30 |
| S39 | 2 | S38 and carpet | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:28 |
| S40 | 26 | S38 and floor | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:28 |
| S41 | 121 | gathered adj fabric | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:30 |
| S42 | 8 | spunlace\$ same carpet | USPAT | OR | OFF | 2006/09/14 16:49 |
| S43 | 11 | spunlace\$ same carpet | US-PGPUB | OR | OFF | 2006/09/14 16:49 |
| S44 | 288 | 442/402.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/21 12:44 |
| S45 | 3133 | (stitch-bond\$3 stitch adj bond\$3 stitchbonded needed needlepunch\$3) same (nonwoven non adj woven unwoven) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/21 15:07 |
| S46 | 10 | "3834978" | USPAT | OR | OFF | 2007/05/21 14:58 |
| S47 | 589 | carpet\$3 with (needed needle-punch\$3 needlepunch\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/21 15:06 |
| S48 | 381 | S47 and (glu\$3 adhesive resin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 15:42 |

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| S49 | 255 | S48 and (nonwoven non adj woven unwoven) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/21 15:08 |
| S50 | 28 | S47 and (glu\$3 adhesive resin) with (infiltrate infiltration impregnate impregnation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 15:57 |
| S51 | 50 | S47 and (glu\$3 adhesive resin) with (infiltrate\$ infiltration impregnate\$ impregnation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/21 15:58 |
| S52 | 22 | S51 not S50 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:49 |
| S53 | 7256 | carpet with (cut\$3 sanded sheared brush\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:52 |
| S54 | 5 | S53 and 442/402.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:53 |
| S55 | 1360 | carpet same (fiber) with (cut\$3 sanded sheared brush\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:53 |
| S56 | 2 | S55 and 442/402.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:53 |

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| S57 | 561 | carpet same (fiber) with (sanded sheared brush\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:53 |
| S58 | 12 | S57 and "442"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:58 |
| S59 | 1205 | wang with wang with zhang | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:59 |
| S60 | 2 | "20040137818".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 14:00 |
| S61 | 30 | shearing with tigering | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 14:00 |
| S62 | 400 | 442/383,388.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/03 12:26 |
| S63 | 2 | ("4851281" "5372876"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/03 13:49 |
| S64 | 4 | ("5945358").URPN. | USPAT | OR | OFF | 2007/12/03 13:49 |
| S65 | 3 | ("5945358").URPN and (woven) | USPAT | OR | OFF | 2007/12/03 13:50 |
| S66 | 41 | "442"/\$.ccls. and gather \$3 adj (fiber fabric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/03 18:03 |
| S67 | 5 | ((("3186886") or ("3245854") or ("3819465"))).PN. | USPAT; USOCR | OR | OFF | 2008/05/23 13:37 |

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|-----|-----|--|---|----|-----|---------------------|
| S68 | 75 | "2317595" "2550686" "2688578" "2787571" "2917421" "20020028624" "20020119281" "20020132085" "20030152743" "20030232171" "0281950" "3015149" "3166465" "3476636" "3506530" "3620890" "3687796" "3695987" "3708384" "3844978" "3856598" "3860469" "3867243" "3922454" "3943018" "3947306" "3950582" "0366818" "4013407" "4018957" "4035215" "4098629" "4138521" "4159360" "4172170" "4197343" "4217383" "4278482" "4324824" "4371576" "4389442" "4389443" "4390582" "4426415" "4576840" "4582554" "4588629" "4643930" "4645699" "4871603" "4888228" "4892777" "4919743" "4942074" "4988551" "0449133" "5198277" "5370757" "5399409" "5415925" "5436064" "5443881" "5464677" "5560972" "5578357" "5728444" "5747133" "5902663" "5939166" "5962101" "5965232" "6051300" "6063473" "6162748" "6503595").PN. | US-PGPUB; USPAT | OR | OFF | 2008/08/01 16:45 |
| S69 | 209 | zafiroglu.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/01 16:50 |
| S70 | 93 | S69 and (needle needle adj punch\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/01 16:51 |

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| S71 | 17 | S69 and (needle needle adj punch\$4) same adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/01 16:51 |
| S72 | 773 | 442/402.ccls. 28/107.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/01 18:17 |
| S73 | 309 | S72 and (binder adhesive) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/01 18:18 |
| S74 | 5 | ((("2748446") or ("1798277") or ("4576840")).PN. | USPAT; USOCR | OR | OFF | 2008/12/19 15:50 |
| S75 | 71 | (shrink\$4 shrunk\$4) near3 (bind\$4 adhesive\$) same (rug mat matting flooring carpet) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/19 16:48 |
| S76 | 117 | zafiroglu.in. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 17:00 |
| S77 | 5 | reverse adj pile | USPAT | OR | OFF | 2008/12/19 18:45 |
| S78 | 9 | ("4888228").URPN. | USPAT | OR | OFF | 2008/12/19 18:47 |
| S79 | 128 | emboss\$4 with (rug carpet carpeting) | USPAT | OR | ON | 2008/12/19 18:55 |
| S80 | 60 | emboss\$4 near3 (rug carpet carpeting) | USPAT | OR | ON | 2008/12/19 18:55 |

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